

Abstract

A transdermal delivery system (TDS) for use in treatment of living bodies may be applied as an open (liquid, gel) or closed (patch) article. The TDS is composed of a particular active agent which dictates an associated selection of certain solvents, solvent modifiers, solute modifiers and skin stabilizers with which the medicament forms a true solution that rapidly crosses the skin barrier. The associated selection of the particular solvents, solvent modifiers, solute modifiers and skin stabilizers is based on a balancing of the molecular properties of all the components against the molecular properties of all the components plus the particular active agent. The TDS may also include a source of cellular energy to induce cAMP or cGMP. The TDS improves delivery of active agents having a molecular weight greater than 340 Daltons and increases dosage above 0.25 mg/day for such active agents.